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GRUNDIG
electronic

OSCILLOSCOPE MO 53

S.Nr. 9.40011-1101

40011-942.11

Datum/Date
04.84

Deutsch
English

Schaltbild/Circuit diagram

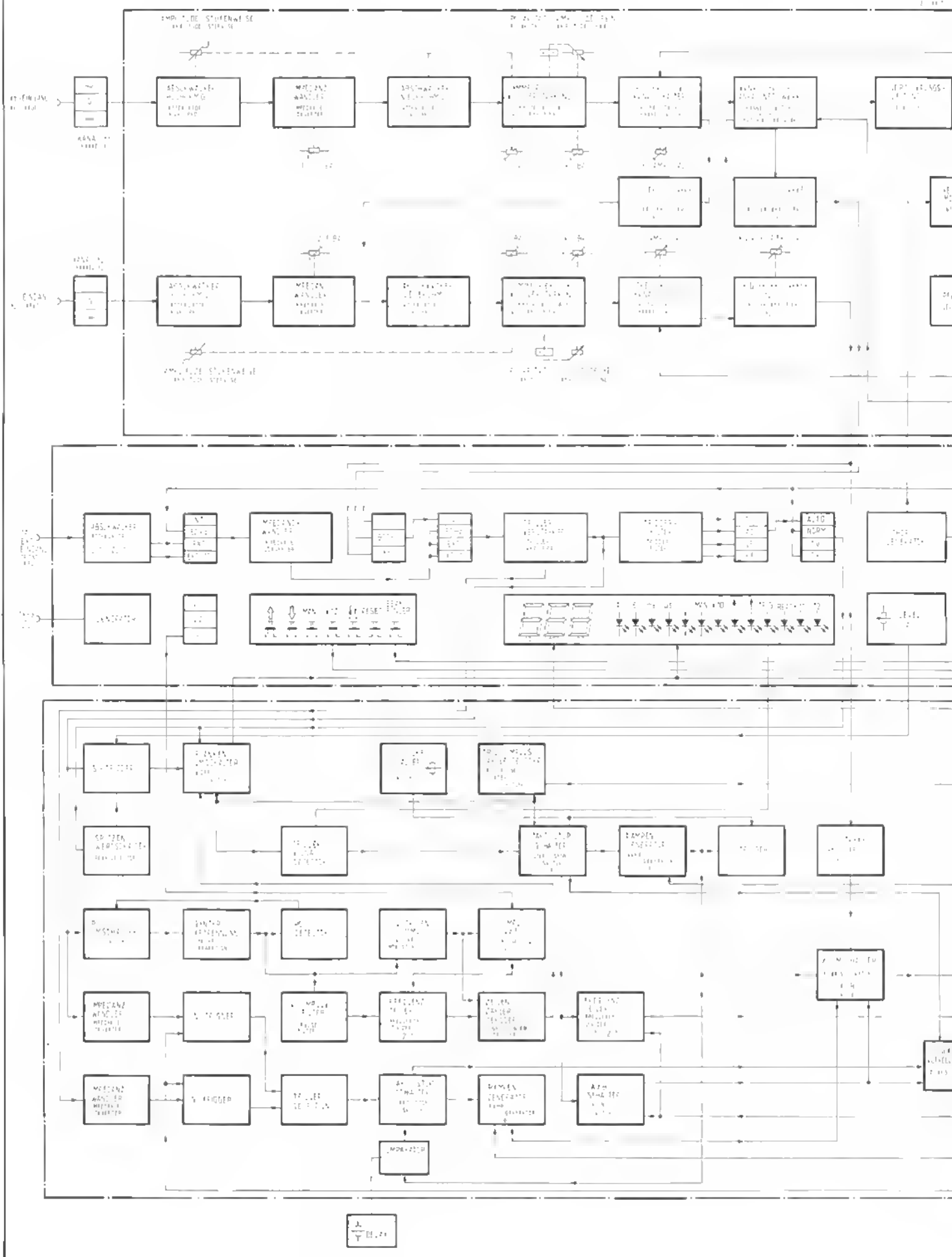
INHALT Contents	Baustein Modul	Schaltbild Circuit diagram	Nr./No.
Blockschaltbild Block diagram		40011-921.00	1
Gesamtschaltbild Full connection diagram		40011-906.00 Bl. 1	2
Leiterplatte unten Circuit panel lower		40011-906.00 Bl. 2	3
Leiterplatte unten Printed circuit board lower	40011-700.00		4
Leiterplatte oben Circuit panel upper		40011-906.00 Bl. 3	5
Leiterplatte oben Printed circuit board upper	40011-710.00		6
Bedienplatte Front panel	40011-720.00	40011-906.00 Bl. 4	7
Endstufenplatte Final amplifier panel	40011-730.00	40011-906.00 Bl. 5	8
Lämpchenplatte ^{†)} Printed circuit board lamp	40011-740.00		

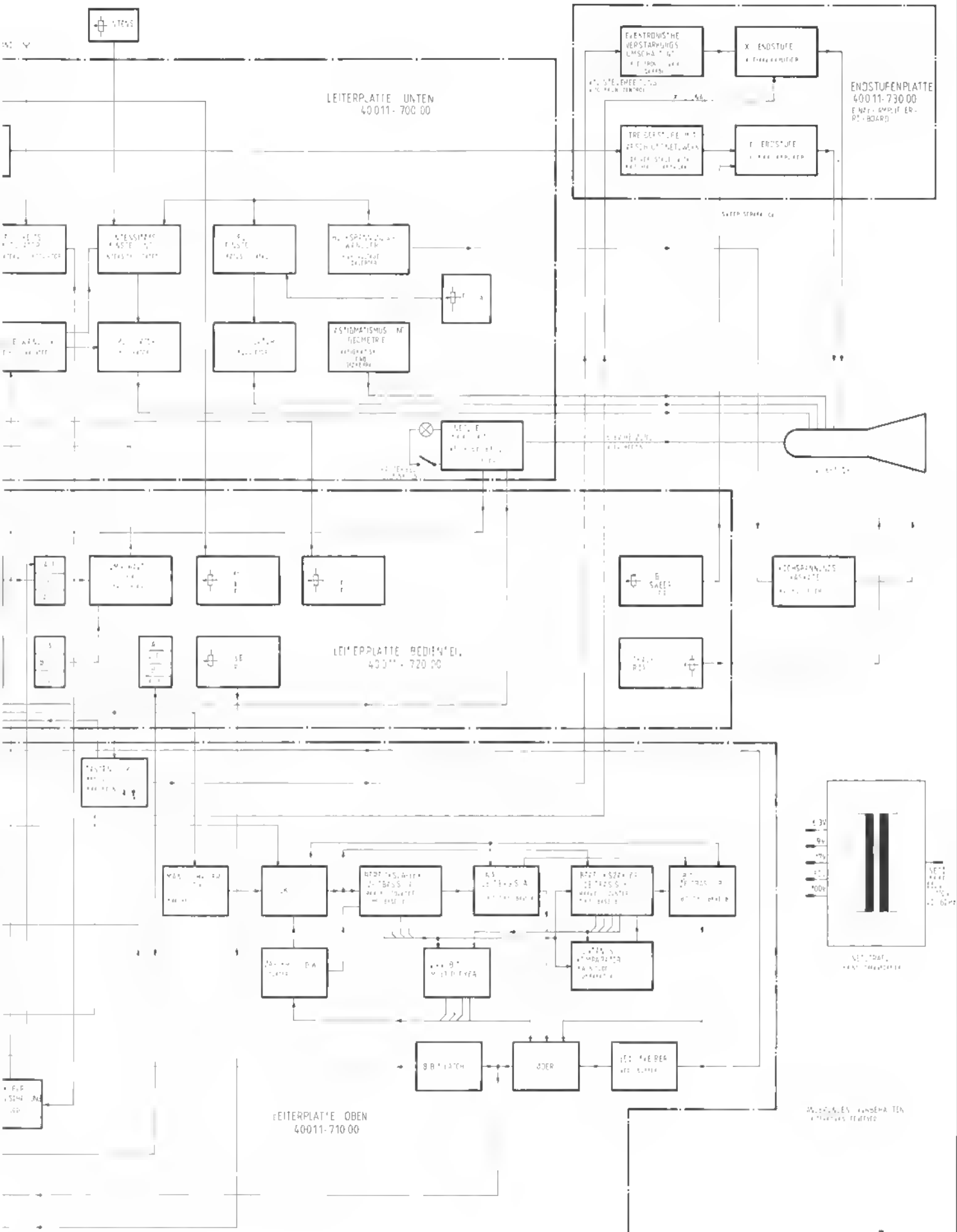
^{†)} Im Gesamtschaltbild enthalten
Contained in full connection diagram

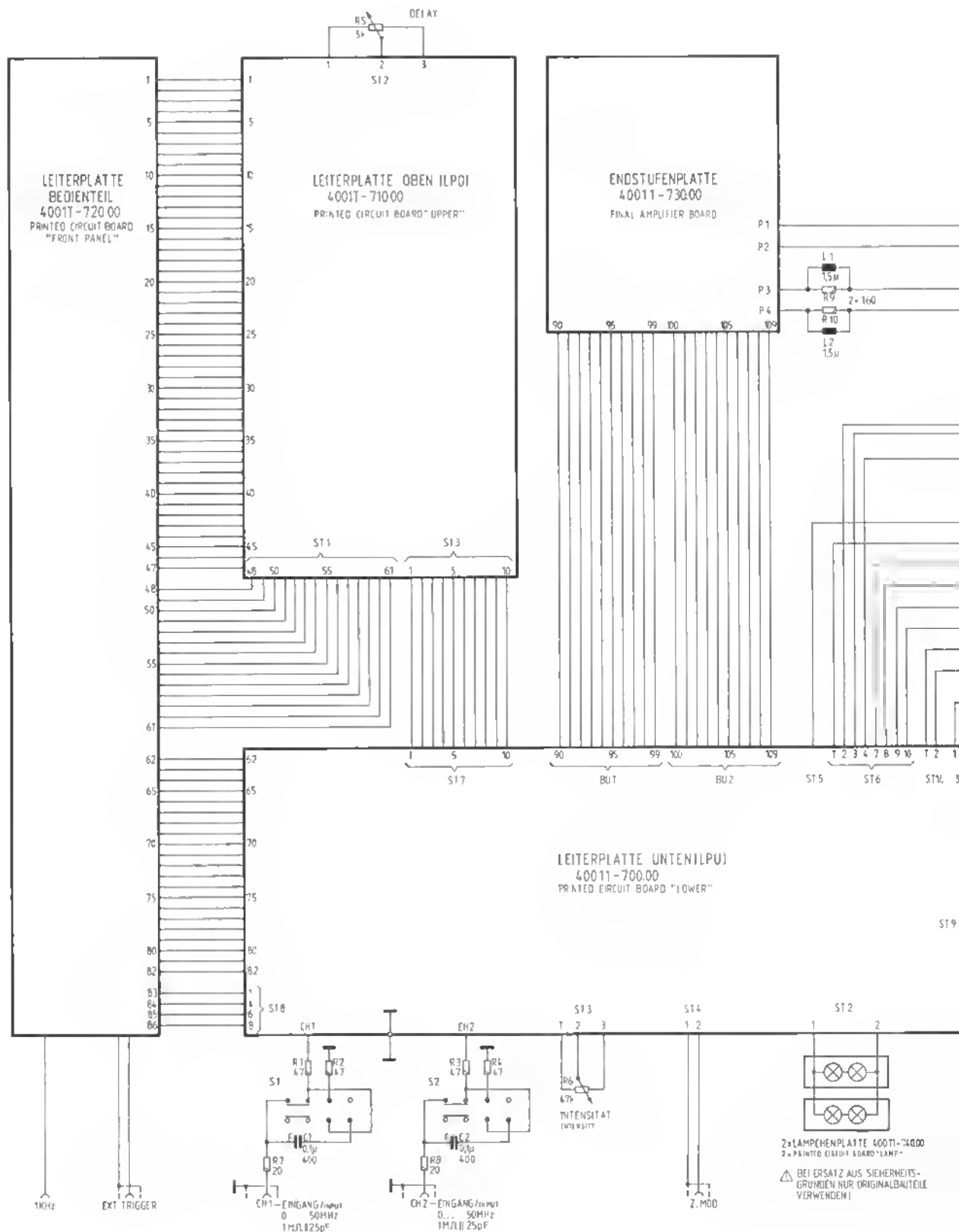
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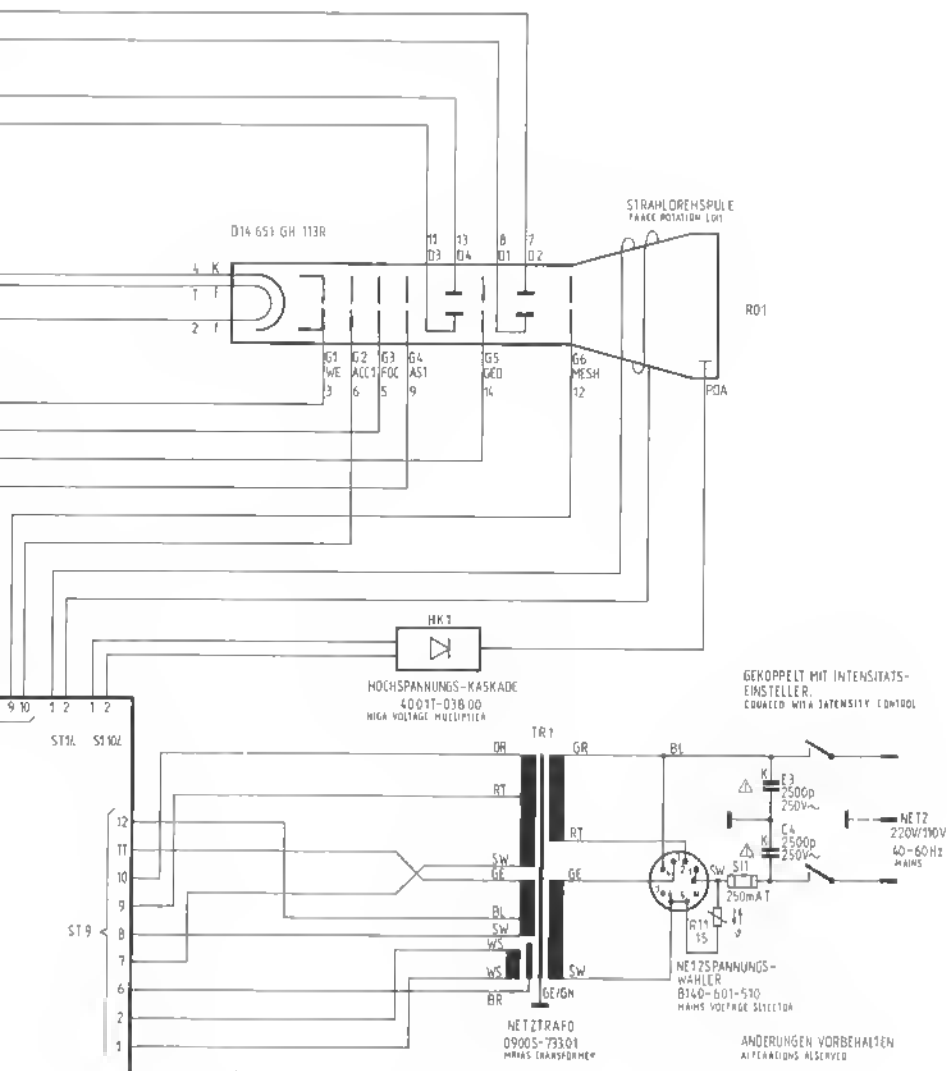
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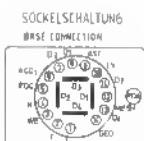


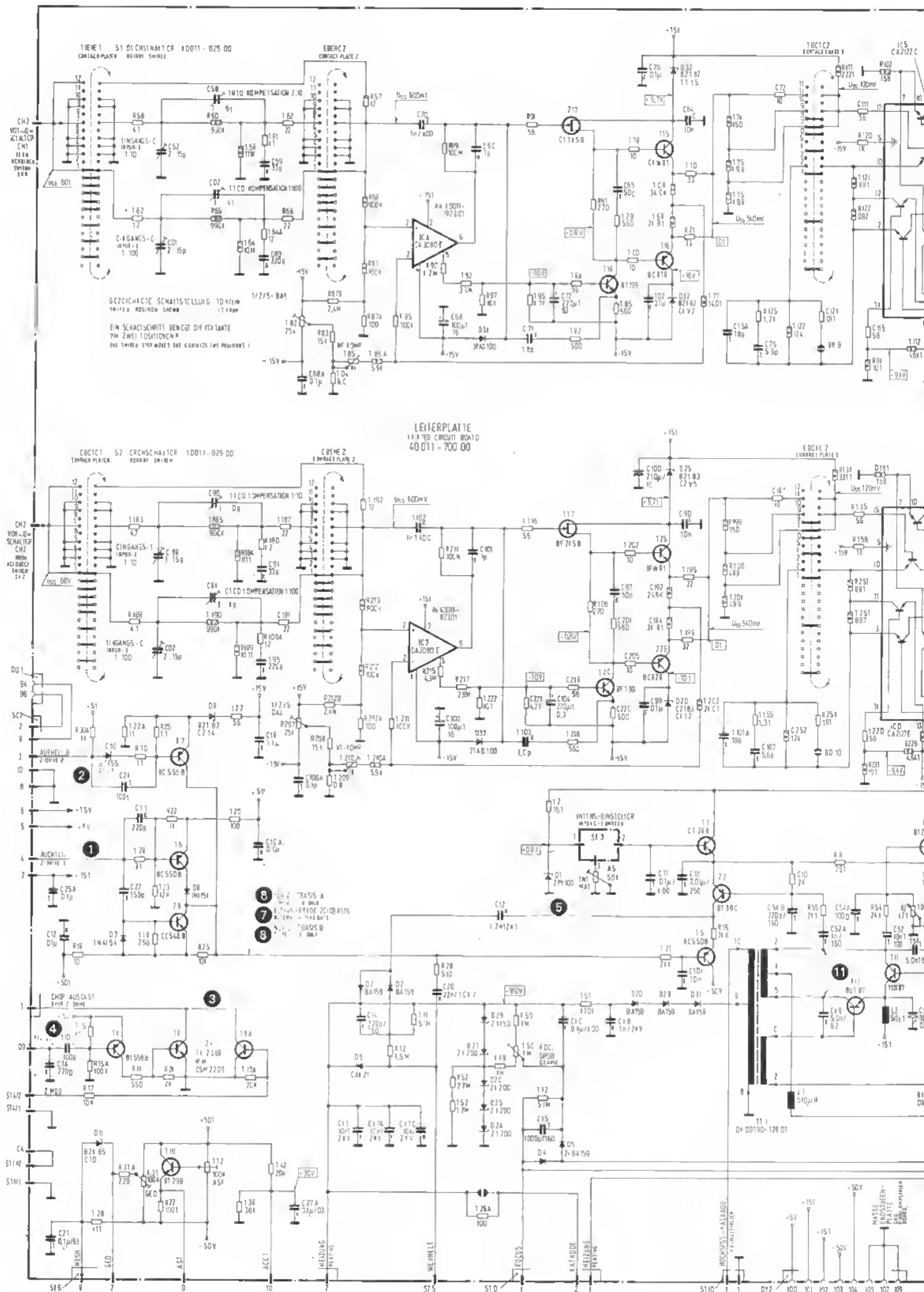


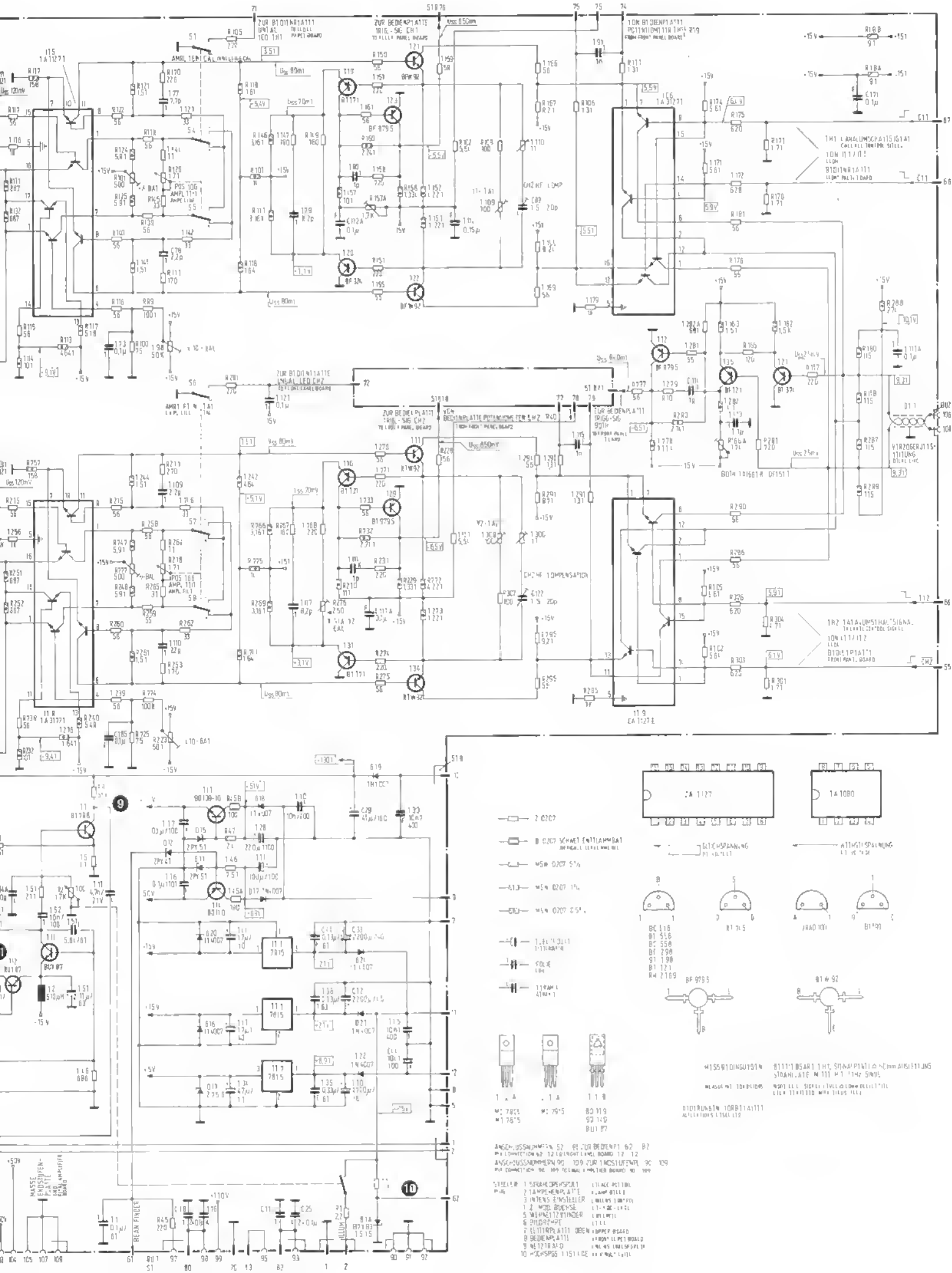


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FOLIE









Meßbedingungen zu den Oszillogrammen
Leiterplatte „UNTEN“

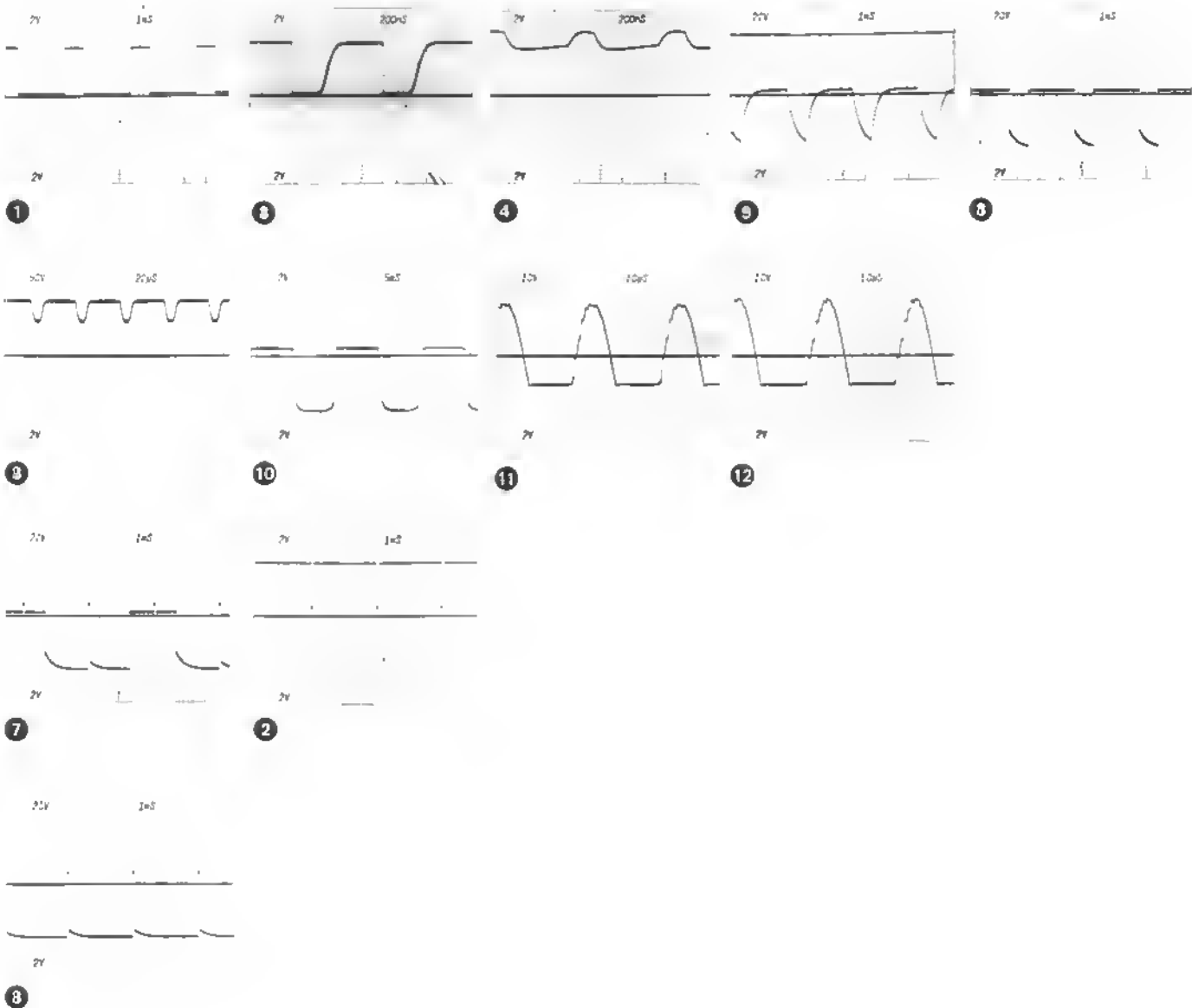
Measuring conditions to the oscillograms
“BOTTOM” Circuit Board

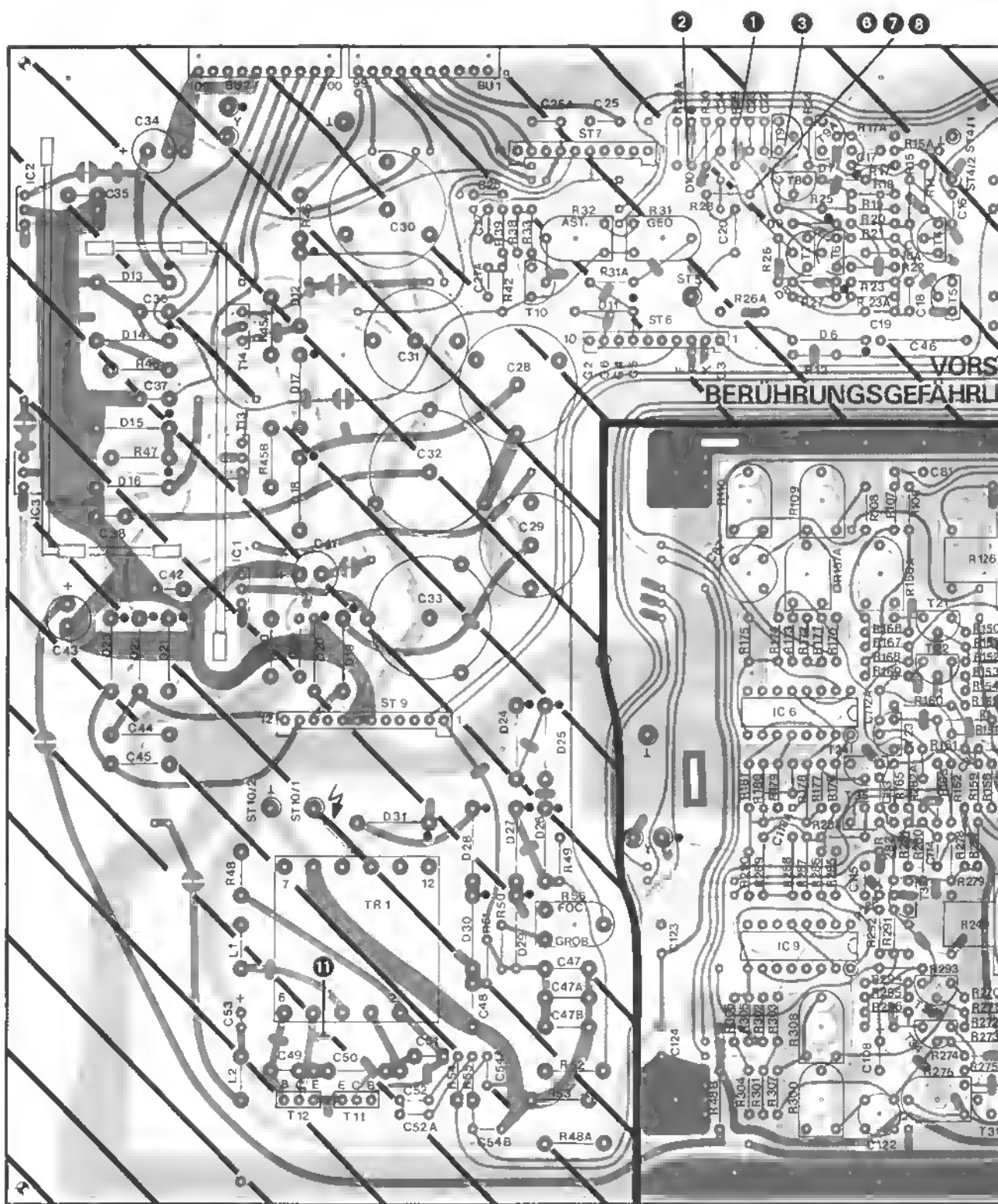
Sinussignal an CH 1, ca. 1 kHz, 6 cm Auslenkung
Sine-wave signal to CH 1, 1 kHz approx., deflection 6 cm

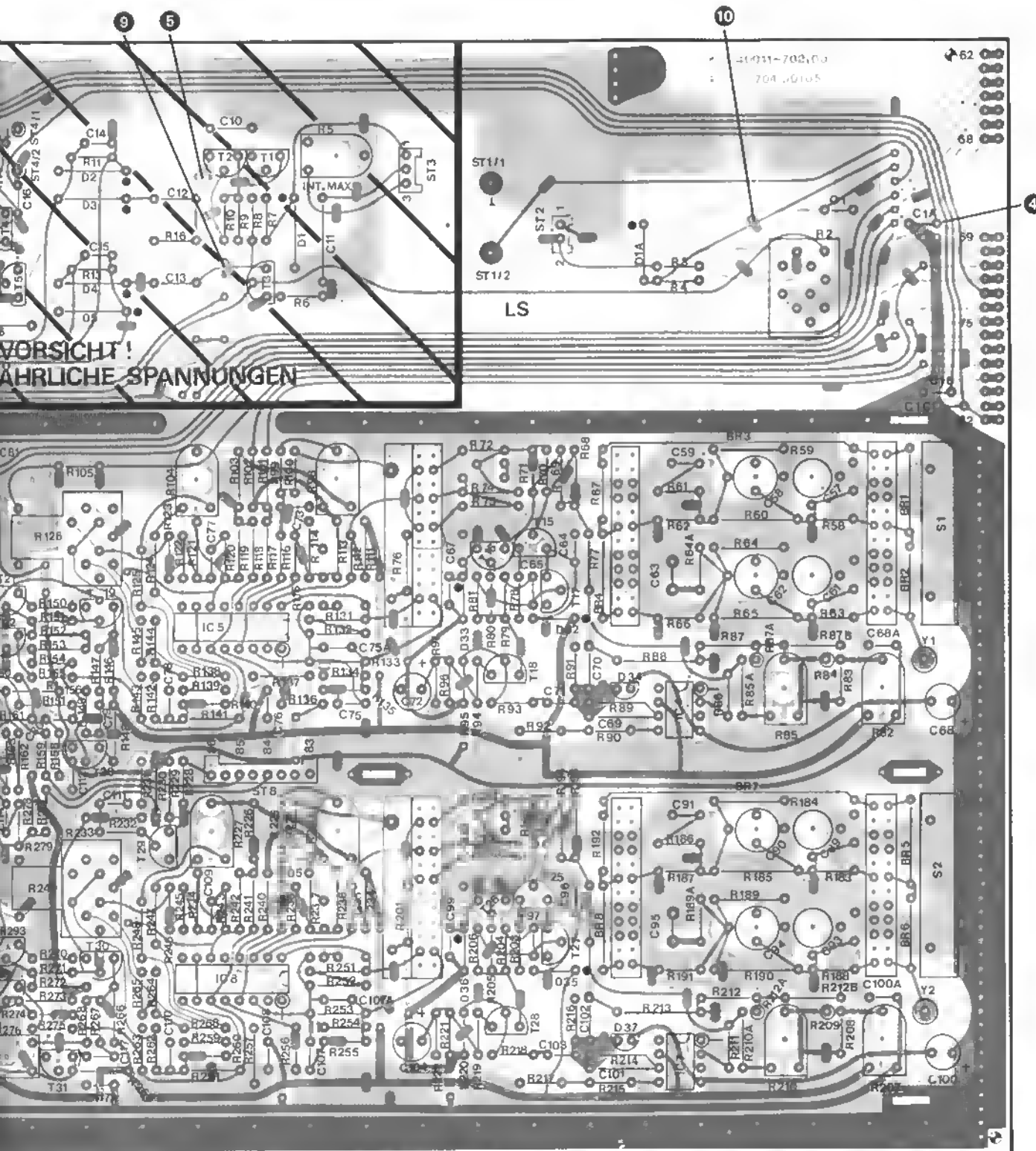
Triggerflanke : 
Triggeredge : 
A-Trigger : AUTO
 DC
 CH 1
 INT

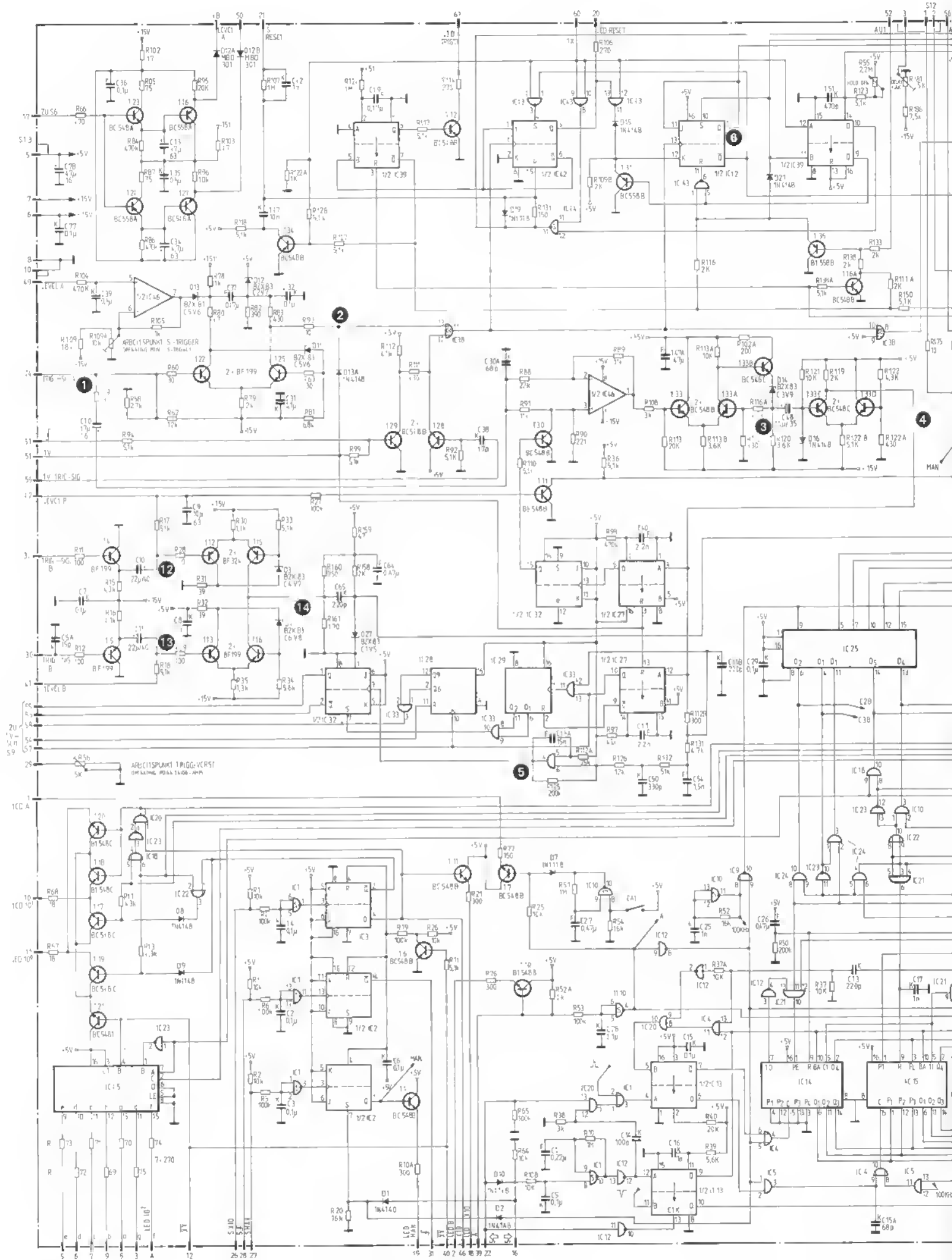
VERTICAL MODE: CH 1 bei/at 1 ... 11 außer/excepted 3, 4
 BOTH, CHOP bei/at 3, 4
TIME BASE : nur/only A : 200 µs/cm bei/at 1, 3 ... 6, 9 ... 12
 ALT A : 200 µs/cm } bei/at 7, 7
 B : 10 µs/cm }
 nur/only B : 10 µs/cm bei/at 8

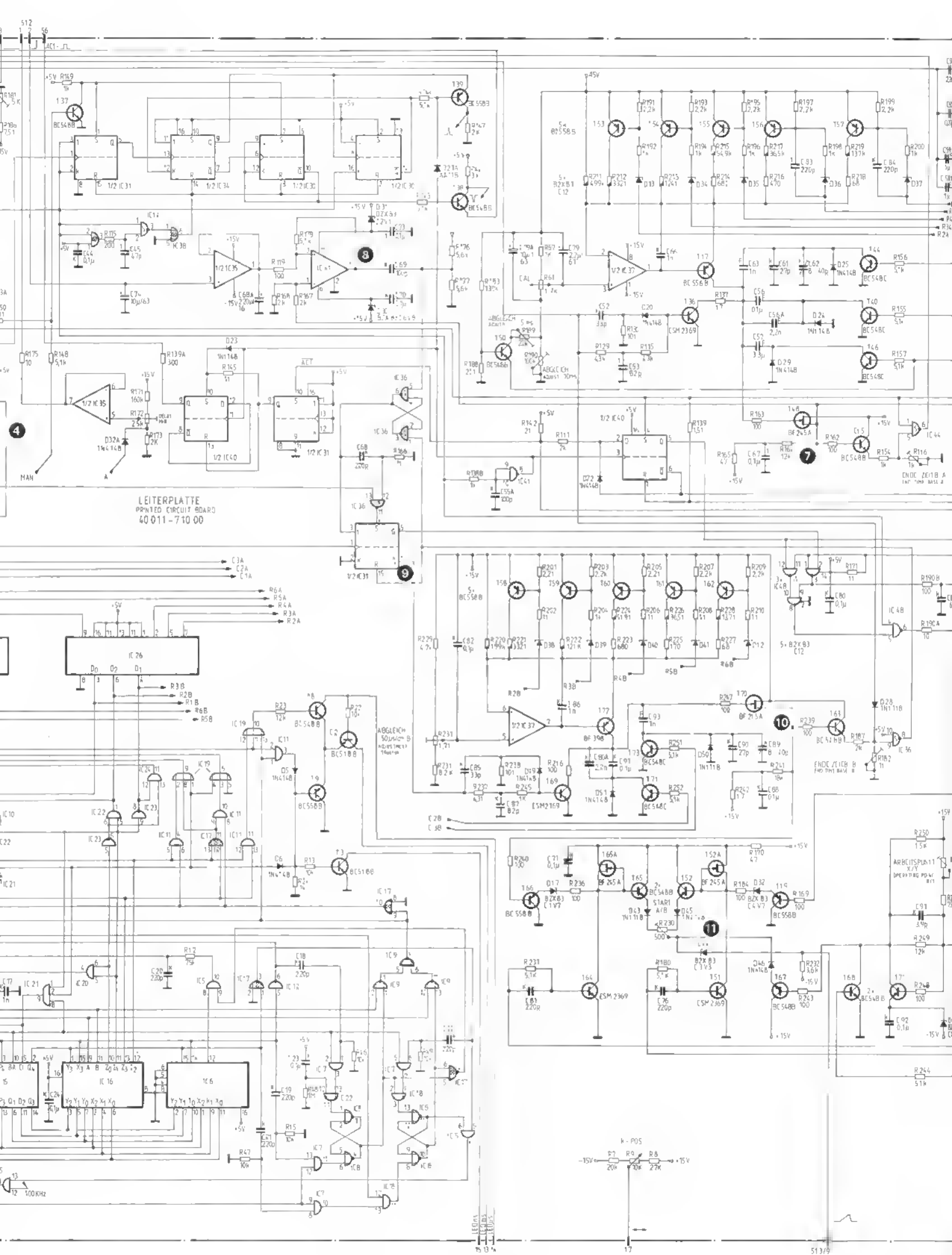
B-Trigger : START AFTER DELAY











Measuring conditions to the oscillograms "TOP" Circuit Board

TV-Signal to CH 1, deflection 5 cm

Der zweite Kanal bildet die Null-Linie

The second channel represents the zero line

Triggerflanke :

Trigger edge :

A-Trigger : Auto bei/at 1, 7, 6...11

TV, H bei/at 3, 4 und/and 5

DC

CH 1

INT

TIME BASE : ALT

A : $10 \mu\text{s}/\text{cm}$

B : $2 \mu/\text{cm}$

LEVEL POT. : linker Anschlag/anticlockwise limit position

DELAY-POT. : Mittelstellung/mid-position

TIME BASE B : START AFTER DELAY bei/at 1 ... 11

TIME BASE B getriggert auf Flanke bei/at 12...14

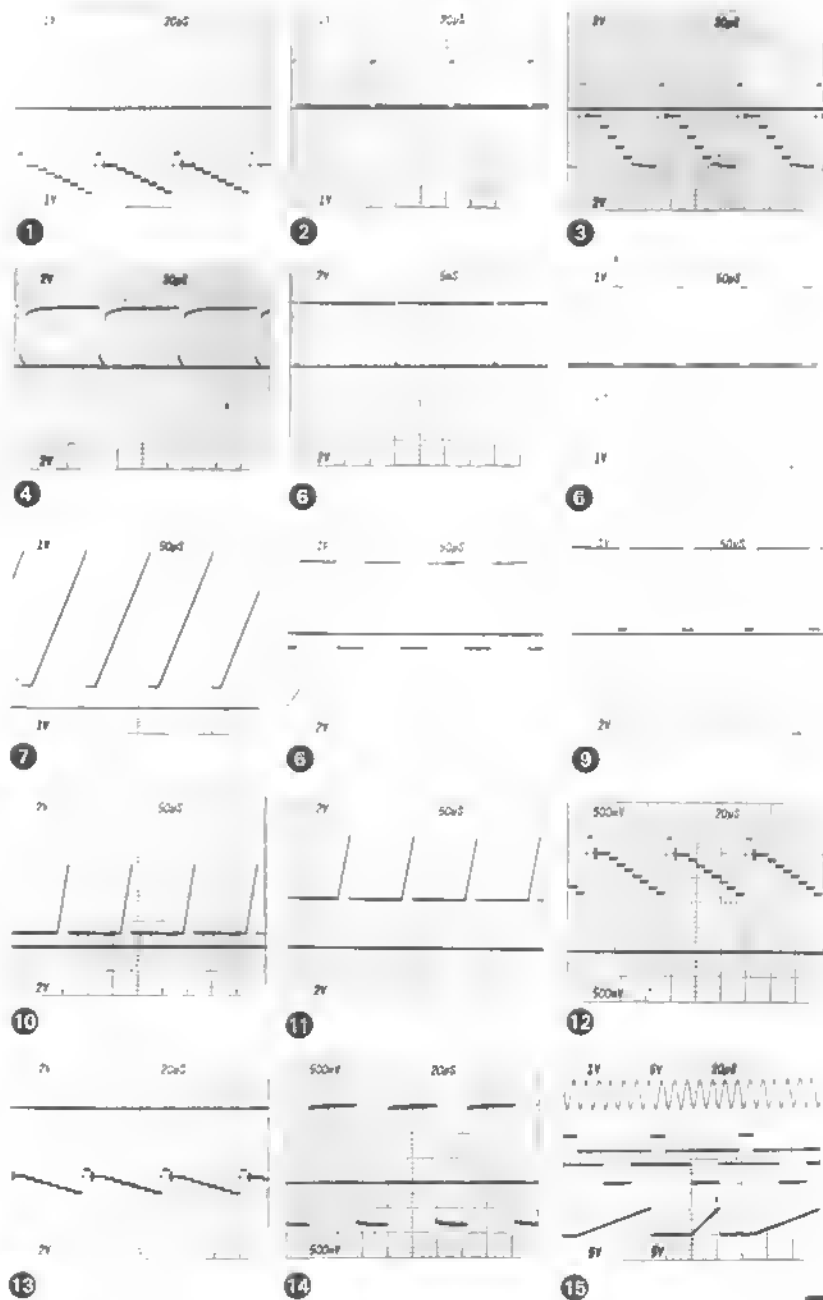
TIME BASE B triggered to edge bei/at 12...14

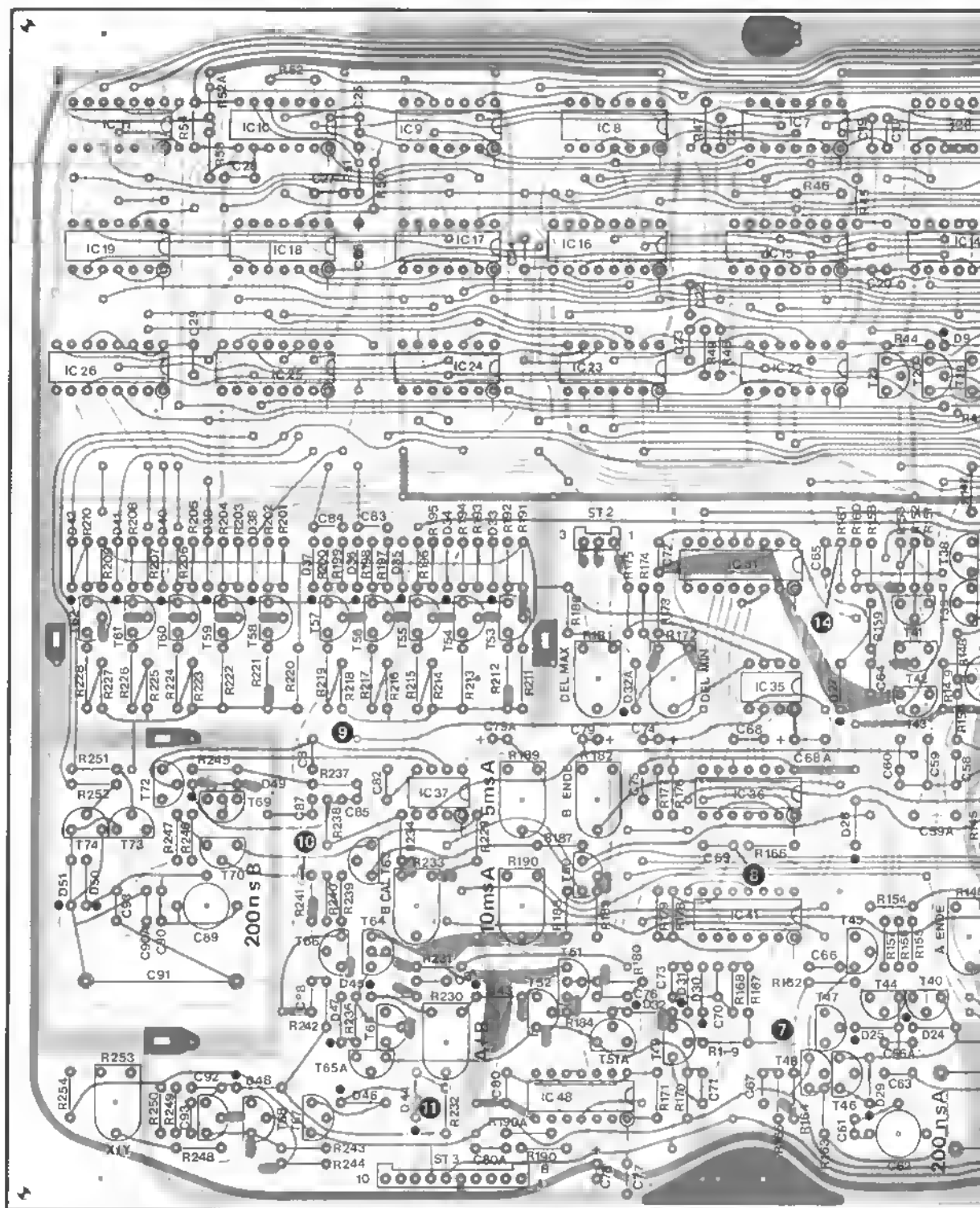
Oszillogramm 15: Sinussignal 100 kHz $U_{\text{eff}} \approx 3 \text{ V}$

CH 1 : Signal an/to 1 CH 3 : Signal an/to 3

CH2 : Signal an/to **6** CH 4 : Signal an/to **11**

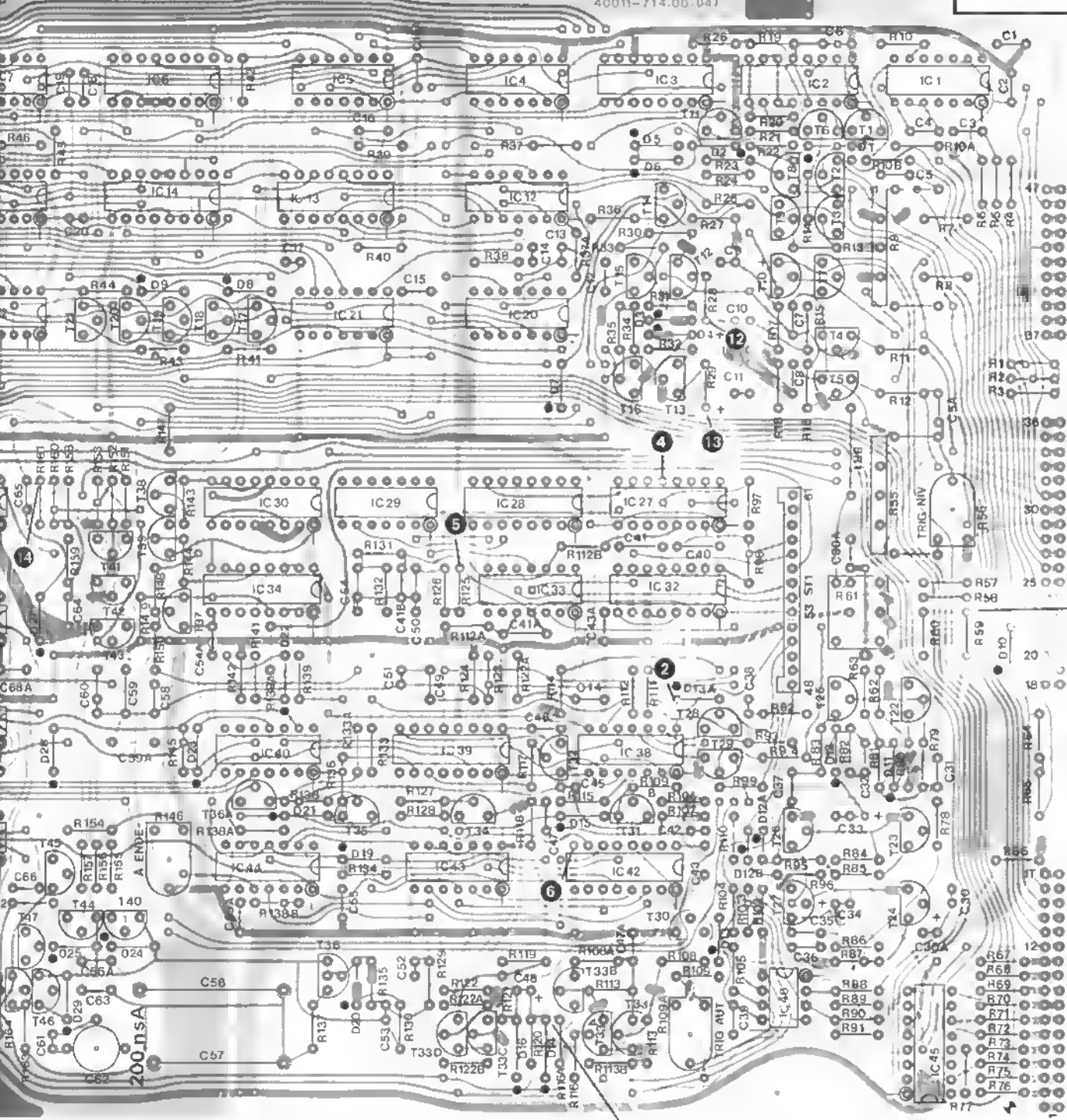
CH2 : Signal an/10 CH4 : Signal an/10

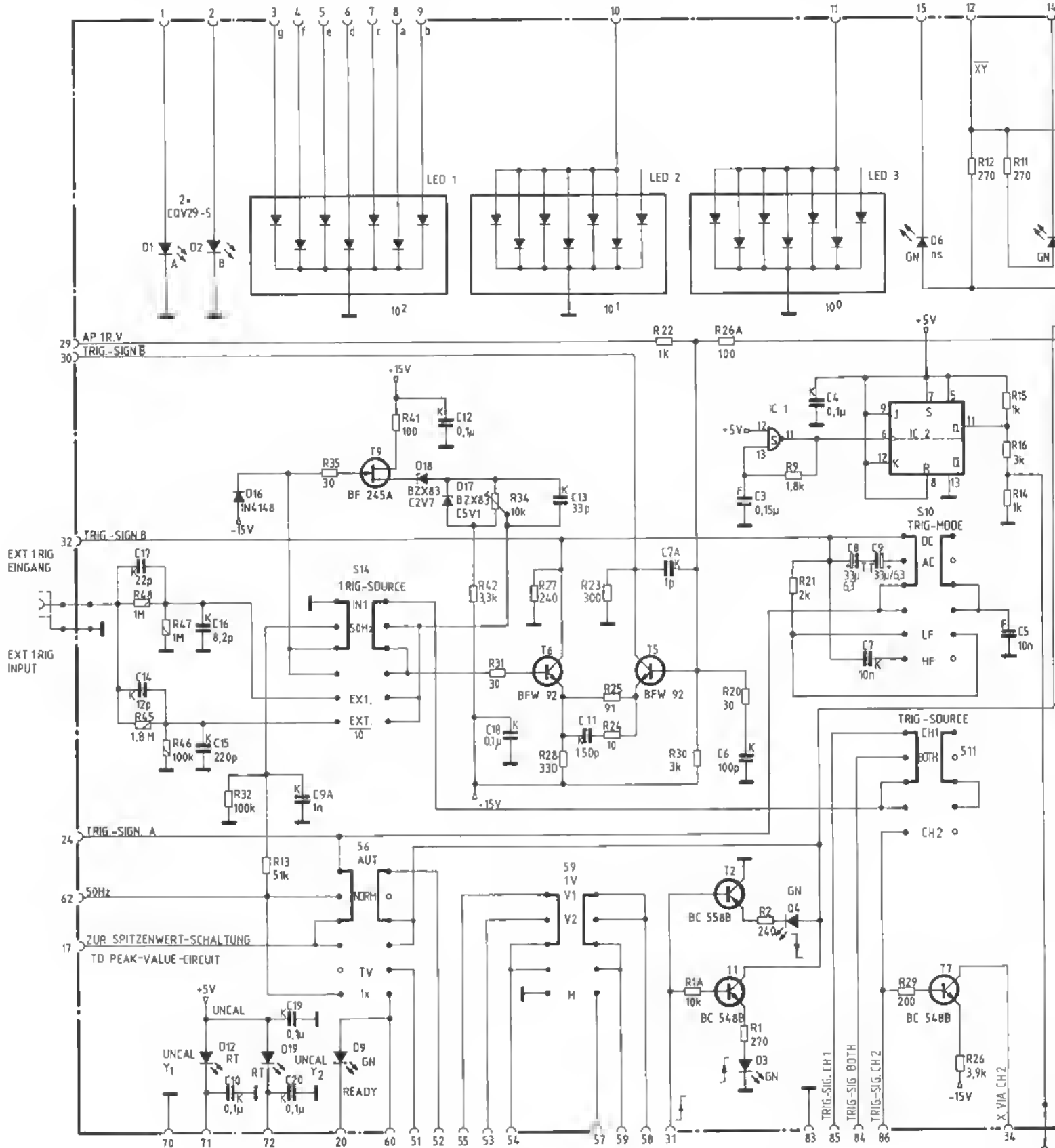




XPL 40011-712.00
40011-714.00 (04)

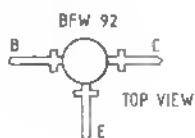
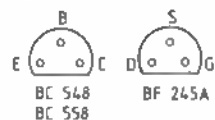
LS





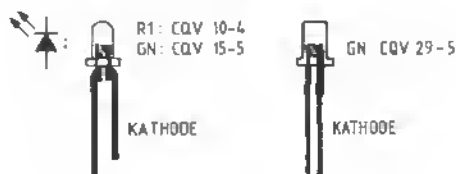
— Z 0207
— MSW 0207

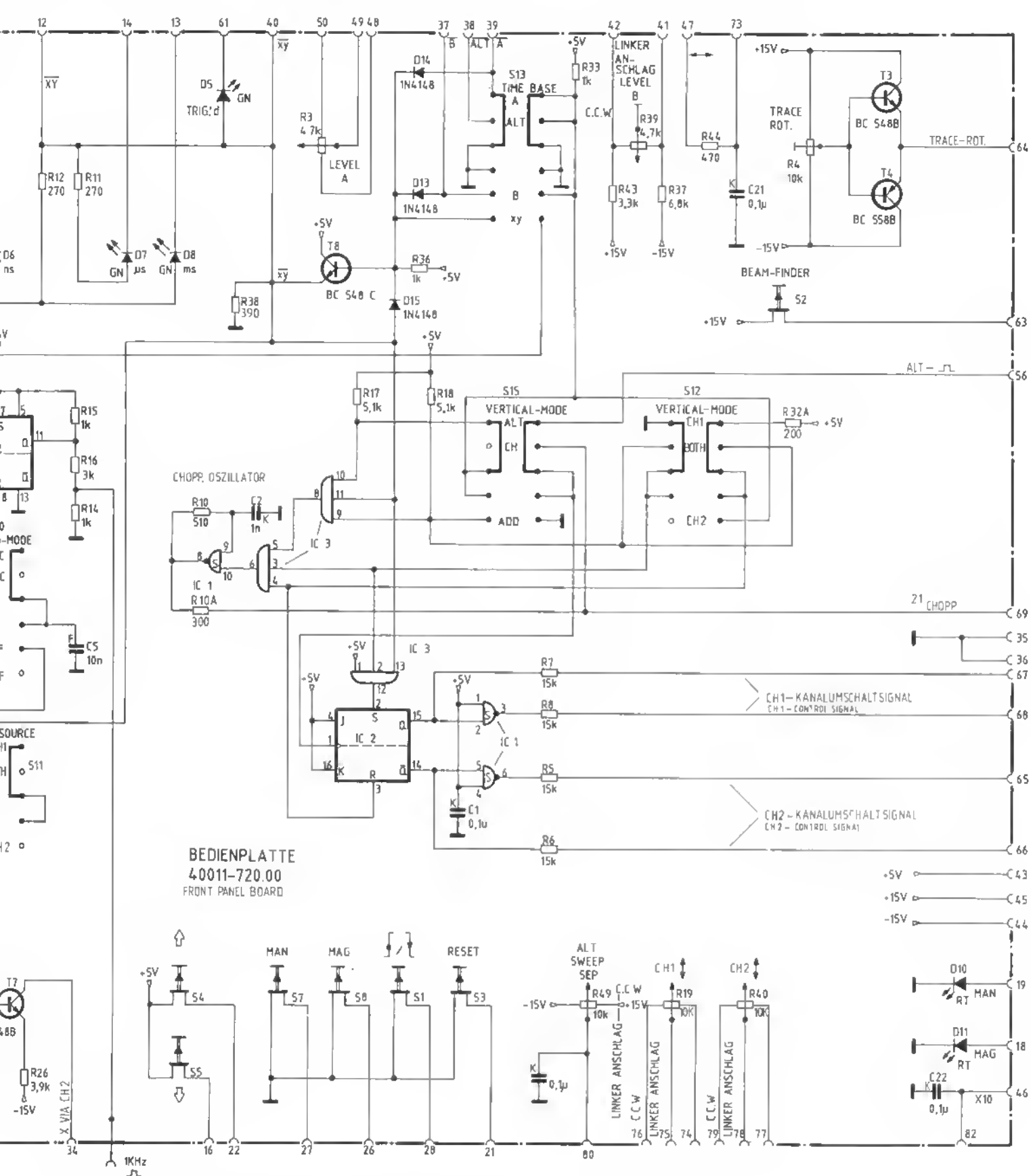
— T TAN1AL
— F FOLIE
— K KERAMIK

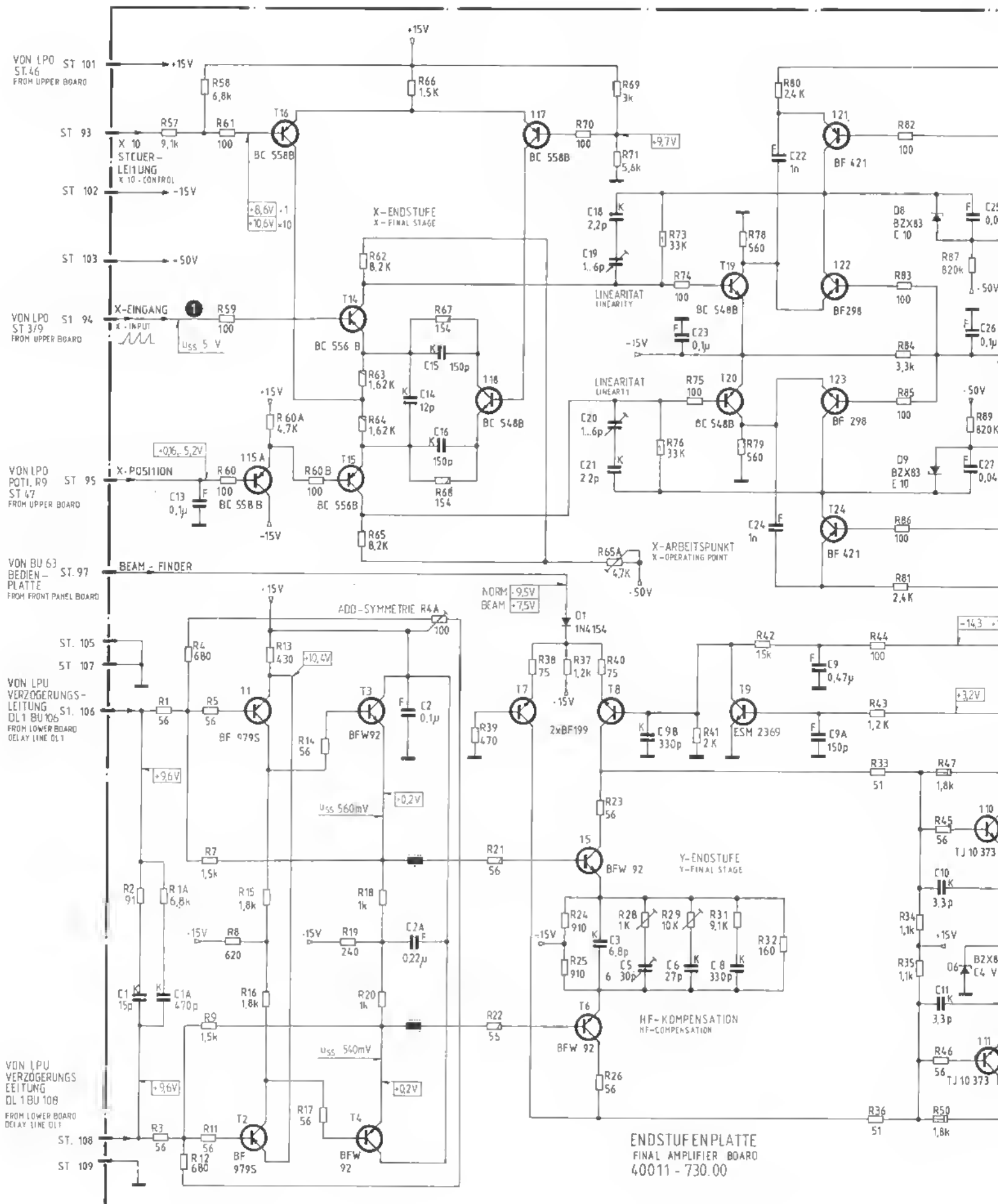


TYPE DER IC: 1 74 LS132
2 74 LS76
3 74 LS11

ÄNDERUNGEN VORBEHALTEN
ALTERATIONS RESERVED







-8-

